



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

INFLUENZA ACTIVITY INCREASING

Flu activity continues to increase throughout the US and in Michigan. Information on Michigan's influenza activity is included in the latest edition of FluFocus.

NEWS REPORTS

- [Michigan: Influenza outbreak forces mid-Michigan school district to cancel classes](#)
- [Widespread flu cases a 'continuing trend' in Alabama](#)
- [North Carolina: Flu Season Hits Hard](#)
- [Wisconsin: More flu cases reported this season](#)
- [Canada: Ontario flu season is upon us](#)
- [Early-season rise in US flu activity continues](#)

INFLUENZA RELATED NEWS ARTICLES

- [The Great Influenza of 2013?](#)
- [Study finds influenza C in kids hospitalized with pneumonia](#)
- [Hospitals make flu shots mandatory](#)
- [Mom Loses Suit Over Daughter's H1N1 Vaccine](#)
- [Inovio's Synthetic Flu Vaccine Doubles Rate of Elderly Subjects Displaying Protective Immune Responses](#)
- [Researchers seek lifelong vaccine for flu](#)

INFLUENZA VIRUS SHEDDING

In a recent study [in PLoS One](#), 30% of patients' tested positive for flu the day before symptoms developed, and asymptomatic patients had about the same viral loads as sick patients.

INFLUENZA PANDEMICS

The effects of influenza on a population can vary greatly between seasons or pandemics. A new [CDC study](#) describes a systematic framework for assessing the public health effects of an influenza pandemic. The framework was created by characterizing the severity and transmissibility of past influenza seasons and pandemics. This framework incorporates several measures that could be available to assess severity and transmissibility early in a pandemic and presents a standardized approach to organizing epidemiologic information and prioritizing data collection. Although further evaluation will be needed to determine how this framework will be used in future pandemic planning and response, this new tool can inform an evidence-based assessment of pandemic effects that may help guide decision making.

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes can be found [here](#). To access archived editions of MI FluFocus click [here](#).

ERRATUM FOR AAP 2012-13 FLU POLICY STATEMENT

An official erratum to the American Academy of Pediatrics policy statement "Recommendations for Prevention and Control of Influenza in Children, 2012-2013" is scheduled for publication in the February 2013 issue of *Pediatrics*. The erratum is as follows:

- In Table 4, p 790, the Chemoprophylaxis column for oseltamivir for children weighing >23-40 kg (>51-88 lb) should read **60 mg once daily**.
- Also in Table 4, footnote "a," 8th line, the concentration should read **6 mg/mL**.

The corrected Table 4 is posted on the [Influenza Resource Page, 2012-2013](#) on [Red Book Online](#).

INFLUENZA RELATED JOURNAL ARTICLES

H3N2 Viruses

A study of the evolution of H3N2 influenza viruses since 1968 shows that the current virus has a low propensity to bind to human receptor analog sites, which correlates with the marked reduction in H3N2 disease impact in the last 10 years, UK researchers reported yesterday in the [Proceedings of the National Academy of Sciences](#).

Quadrivalent Vaccine

Sanofi Pasteur's quadrivalent influenza vaccine (QIV) containing two influenza B strains performed comparably to two trivalent vaccines (TIVs) in a phase 2 clinical trial assessing immunogenicity and safety, according to a report in [Vaccine](#).

REMEMBER TO REPORT ANY VAERS THIS FLU SEASON

It's influenza season and as a reminder if your patients experience an adverse event following immunization, please report this information to the [Vaccine Adverse Event Reporting System](#) (VAERS).

FLU VACCINES REQUIRED TO BE ENTERED INTO MCIR

As a reminder, providers are required to report flu immunizations administered to every child less than 20 years old within 72 hours of administration into the [Michigan Care Improvement Registry \(MCIR\)](#). Please ensure you are entering your doses for adults as well!

FLU RESOURCES

Stay up-to-date with:

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

LIBRARY OF PEER REVIEWED JOURNAL ARTICLES

The Immunization Action Coalition (IAC) provides a [Journal Articles web section](#) containing a chronological catalog of vaccine-related, peer-reviewed articles organized by vaccine and topic area.

Got Flu & Tdap Vaccines?



We've Got Ours.

Talk to us about getting flu & Tdap vaccines for yourself & your family.



Available at: www.michigan.gov/flu ➡ Click on "Flu Gallery"